UNCW

College of
Arts & Sciences

Fall 2000

Paul Clifford Exhibit...

Our Lady of the Apocalypse
Guatemala, 17th century. The silver flame (spirit) that surrounds her body has taken the place of the garland and roses normally arched over her head and draping her feet.

Paintings, sculptures, and silver objects from the *Paul A. Clifford Collection of Colonial Latin American Art* were on view in the Claude Howell Gallery in Kenan Hall during March and April of this year. The exhibition was sponsored by the Museum of World Cultures and was guest-curated by UNCW students **Blair Jackson**, **Joanna Marsette**, and **Melinda Sugarick**.

The artworks were created in New Spain (including Bolivia, Peru, Ecuador, Guatemala and Mexico) during the late 16th-19th centuries. Most are ecclesiastical works that served as the nexus where faith brought together Spanish society and the indigenous cultures of the Americas.

Although the artworks feature Christian imagery, a close examination reveals elements of indigenous beliefs and the new landscapes of the Western Hemisphere. This is not surprising given that by the late 16th century many of the artists were born in New Spain and trained in *ateliers* in this hemisphere. The subtle variations in iconography and landscape are the artists' ways of mediating between the standardized religious imagery dictated by the Vatican and European artistic conventions and the new expressions of faith and aesthetics developed by the artists of New Spain.

Paul Clifford loaned these outstanding works of spiritual and aesthetic expression to UNCW because he fervently believes that through art, students experience the excitement of discovery and the worthy struggle underlying any creative act—including creating an exhibit of "foreign" art. He shares his collection because he knows that art enriches the university and Wilmington communities by showing us new worlds of ideas, manners of expression, and ways of being, while speaking eloquently of the rich diversity of the human community worldwide.

Major Funding Received...

The National Science Foundation has awarded six CAS faculty a grant totaling $1,143,282 to build and study "A Digital Library of Reusable Science and Math Resources for Undergraduate Education".

The co-investigators for this project are **Drs. Charles Ward** and **Jimmy Reeves**, chemistry; **Drs. Gabriel Lugo** and **Russ Herman**, mathematics and statistics; **Dr. Ron Vetter**, computer science; and **Dr. Richard Dillaman**, biological sciences. UNCW undergraduate and graduate students will be involved in all phases of the project. The grant provides both summer and academic year support for six students.

This award, one of the largest ever received by UNCW, is not only an interdepartmental project but an inter-institutional one as well. Other institutions and organizations participating include Eduprise, Georgia State University, Virginia Tech, the College of New Jersey, Grand Valley State University, EDUCAUSE, and the Instructional Management System Project.

The major tasks to be completed at UNCW include:

- Create digital library content in chemistry, biology, mathematics, physics, and computer science. Content will range from individual images, animations, and video clips, to complete instructional modules.
- Contribute to the development of tools and procedures for tagging digital library content with special

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Moving Ahead...

Jo Ann Seiple
Dean

What a spring semester we have experienced in the College of Arts and Sciences! We live in exciting times that bode well for our further growth.

During final exam week, ground was broken on our new classroom building. Barring another season of hurricanes, the finished structure should be ready by December 2001 for occupancy by the Departments of Political Science, Social Work, Communication Studies, and Foreign Languages and Literatures, as well as the Film Studies Program. I'm sure that I don't have to tell you that the faculty and staff in those programs are already moving in the office and classroom furnishings in their minds.This much-needed new academic space will alleviate the cramped work and teaching conditions currently suffered not only by those programs, but will give more, equally needed room for the other college programs that are now housed in Friday and Morton Halls and in the Social and Behavioral Sciences Building. I hope that you will pass through the campus during the next 12 months or so to watch the progress being made on this impressive new building.

The college has also completed another very successful new-faculty recruitment season, filling 25 of its 28 new and replacement positions with its first choice in almost every instance. We will need all of these excellent new faculty members as UNCW's enrollment reaches 10,000 students in the fall.

As predicted in our last issue, college faculty set a new record in their receipt of external funds this year. As of May 22, 2000, ninety of the 167 proposals submitted to external agencies had been funded for a total well over $5 million, representing the combined efforts of 45 faculty members in 11 departments thus far. A number of awards are still to be announced, and we fully expect the college's final total to exceed the current amount by June 30. A listing of those received appear on page 12 of this issue.

As also noted in our last issue, we received approval from the UNC Board of Governors to initiate planning for four new undergraduate and graduate degree programs. I'm happy to report that the university has now sent forward for approval its requests to establish the new Ph.D. program in marine biology and the new B.F.A. program in creative writing. We fully expect to receive approval for both programs in the near future. Requests to establish the new B.A. in film studies and the new Master's in Public Administration will likely be submitted for approval by the UNC board in late fall. We believe that all four programs will bring further distinction to UNCW among our sister institutions and that all will experience rapid growth once they are established.

As impressive as all of these developments are, they almost pale in comparison to the future opportunity for institutional growth that is appearing at this writing. The recent approval given by the North Carolina legislature to offer a $3.1 billion bond for voter consideration next November offers state universities and community colleges the opportunity to receive funding for sorely needed new classroom buildings and renovations of existing ones. The universities' share of that bond comes to $2.5 billion, with UNCW's portion set for $108 million. If the bond bill meets with voter approval, the College of Arts and Sciences will at last be able to address two long-standing facilities needs, as well as other space concerns.

The first of these needs is an academic facility designed specifically to provide instruction in art, theatre, dance, music, creative writing, and film studies. If you are a UNCW alumnus, you know the poorly designed, cramped teaching and learning facilities that presently house these programs on campus. Our proposed new building will house not only the needed standard classrooms and faculty and department offices, but also the specialized studios, shops, production spaces, and performing and rehearsal spaces that these academic programs require if their majors are to master their disciplines and if our annual new class of freshmen are to meet their basic studies requirements in the arts. Such facilities require substantial and costly space, and this one building alone will total more than 201,000 square feet - roughly double the size of Dobo Hall - and cost in excess of $33 million to construct, furnish, and equip.

The second major need that will be met if the bond is passed is a thorough renovation of Kenan Auditorium. This building not only currently provides classroom, rehearsal, and performance space for our academic programs in theatre and music, but is also heavily used for campus-sponsored events, as well as for performances by the Wilmington Symphony and special events sponsored by off-campus groups and contracting agencies. Kenan's usage has skyrocketed in recent years - more than 34,500 tickets were sold last year alone. That usage has taken its physical toll on the lobby, in the seating area, and on the stage. If the citizens of North Carolina support the state's universities and community colleges by voting 'yes' on the Bond in November, it gives us the opportunity to repair or remove some of ravages of time in a building, which will continue to experience heavy campus and community use.

Real World Success...

Computer science majors have long bragged that they "do real work." Seniors **Paul DeLano, Robert Shawn Knowles, Laurence William Thaete,** and **Michael Bryan Woody** can also boast of real recognition. For their required term project in CSC 453, Object Oriented Analysis and Design, the group worked on a visualization problem for a Wilmington industrial plant. The company's engineers were studying how a product degenerated over time by analyzing pages of charts listing measurements at various places in the product. The four students developed a JAVA program to display the data as two-dimensional or three-dimensional pictures of the product,

color-coded to reflect the experimental data at each point.

The group successfully demonstrated their project in December 1999. The company has applied for a patent on the visualization software listing the students as developers, and has hired the group to continue developing their work. The company reports that the software has been well received by its customers.

Innovation Grants...

The UNCW Information Technology Systems Division awarded $108,426 to five CAS faculty to support development of innovative uses of information technology.

Award recipients are: **Dr. Ned Martin**, Existing Commercial Software for Predicting NMR Spectra; **Dr. Sridhar Narayan**, Web-based Travel Route Planning Subject to Transient Road Conditions; **Dr. William Bolduc**, Digital Audio/Video Production Enhancement for Communication Studies; **Dr. R.D. McCall**, Acquisition of DNA Microarray Technology in Support of Investigation of the Human Biologic Response to Hypoxia; and **Dr. John Myers**, digitized Database Storage for Art and Theatre.

Major Funding...

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information, known as IMS metadata, which will make items in the digital library easier for users to locate.

- Develop guidelines and procedures for reviewing content submitted for inclusion in the digital library.
- Review digital library content submitted by other institutions.
- Evaluate patterns of use of the digital library and the mechanisms by which content is used, built upon, and resubmitted to the digital library.
- Work with corporate partners to ensure the sustainability of the digital library beyond the funding provided by the National Science Foundation.

The goal of the project is that within two years the digital library will not only be a powerful tool for faculty who are developing digital course materials, but will also be an active test bed in which various questions concerning the design of effective digital libraries are being addressed.

Earth Sciences... SAL...GIS...

Dr. Joanne Halls joined UNCW in August 1999 as a geographer and is the director of the Spatial Analysis Lab (SAL). This facility is a state-of-the-art teaching and research-computing lab focused on geographic information systems (GIS), image processing, and spatial statistics. Some of Dr. Halls' research interests include watershed modeling, coastal land use development and the impacts on non-point source pollution modeling, integration of temporal ecological models with GIS, empirical studies of geographic data models, and quantitative assessments/simulations of spatial data error and impacts on spatial models.

The spatial analysis lab (SAL) was funded in 1999 and opened in January 2000. There are 21 NT workstations loaded with all ESRI GIS software,

Joanne Halls

ERDAS image processing software, IDRISI GIS software, R2V raster-to-vector processing software, and S-PLUS statistics and spatial statistics software. Brand new peripherals include a large format HP 1055 plotter, HP high-resolution color printer, large format grey-scale Ideal scanner, and high-resolution Epson color scanner. To network the SAL we have a Dell Poweredge 6300 server that houses data, monitors the network, and runs backups.

Dr. Halls teaches introduction to geographic information systems, advanced GIS, aerial potography and remote sensing, environmental modeling and GIS, and advanced research methods in GIS.

Accolades to Our Faculty...

The College takes great pride in its faculty and their proven dedication to teaching. During CAS Convocation we saluted four professors who have been recognized and honored for excellence in the classroom this year.

Dr. John Bennett (health, physical education, and recreation) was recognized for winning the prestigious UNC Board of Governors Award for Teaching Excellence. The annual award carries a stipend of $7,500 and a bronze medallion. Recipients must be tenured faculty who have taught for at least seven years at their current institution while maintaining a standard teaching load.

Dr. Bennett's teaching philosopy is based on the 3 'Rs' of education: Real, Relevant, and Right Now. He also adds to the list: Responsibility, Respect and Results of our choices. The content for healthful living in his classes is based on balance. Providing balancing skills for a lifetime of healthful living is central to his educational philosophy.

A former student of Dr. Bennett cited him for his "enthusiasm" and for his "genuine happiness that is communicated with unconditional acceptance and love." Dr. Bennett's award is one of the highest honors bestowed upon a professor in the UNC system.

Once again, three of the five recipients of the Chancellor's Teaching Excellence Award are college faculty. The award was established in 1991 and recognizes faculty who demonstrate outstanding teaching in the classroom. Each recipient receives a $1,500 award and a distinguished teaching medallion.

Drs. Ference Altrichter, philosophy and religion; **Julian Keith,** psychology; and **Lynn Leonard,** earth sciences, received the Chancellor's Teaching Excellence Award.

The letter nominating Dr. Altrichter praised him for his "exceptional" teaching and "his ability to inspire a love of critical thinking in students." Students described Dr. Altrichter as an "outstanding professor" and "role model" who is "full of energy and enthusiasm." One student commented, "He amuses, bewilders, challenges, excites and enlightens his students moment to moment."

Lynn Leonard, Ference Altrichter, Julian Keith
CAS Faculty Convocation 2000

Dr. Keith's colleagues commended him for being one of the "strongest classroom and research teachers" in his department. Among other things, he was cited for being a "leader and innovator in using technology" in his classes. PowerPoint lectures, class web pages, internet "exploratoriums," and computer-based experiments are some of the many ways Dr. Keith employs technology in his teaching. His students praised him for his "intelligence...thoughtfulness...genius...and patience and superior communication skills."

Dr. Lynn Leonard was noted for the large number of graduate and undergraduate classes she has taught and for the large number of graduate theses and undergraduate research projects she has directed. Letters of support for Dr. Leonard characterize her courses as "challenging and comprehensive, yet positively received by students." She was recognized for her "knowledge, enthusiasm,...concern for students,...and ability to stimulate interest" in the subjects she teaches.

1999 Faculty Scholarship Awardees

Given each year to faculty for significant contributions to the university through research and scholarship, recipients of this award receive an award of $1,500 and bronze medallion.

The College is pleased to recognize three individuals who won the 1999 Faculty Scholarship Award: **Drs. Louis Buttino**, communication studies, **Barbara Waxman**, English, and **Joseph Pawlik,** biological sciences.

Barbara Waxman and Lou Buttino at the CAS Faculty Convocation 2000.
Unavailable for photo: Joe Pawlick

During the Spring Faculty Convocation, Dean Seiple called **Dr. Carl Stockton** to the podium to recognize the Herculean achievement he accomplished this year as chair of HPER. He stewarded six new faculty searches and in each case, the department's first choice signed contracts. He received the coveted *Lamp & Midnight Oil Award.*

Convocation...

On May 3 **Dean Jo Ann Seiple** opened the Spring Faculty Convocation to recognize many of our faculty for their dedication and service to the university, college and most importantly to the students. Much of

this was done with both joy in recognition received and sadness for those stepping down or retiring.

Honored with gifts were the following retiring faculty members: **Drs. David Roye**, **Robert George**, and **Eric Bolen**, biological sciences; **John Stokes**, English; **Michael Bradley**, psychology; **Terry Rogers**, art and theatre; **Syed Ahmad**, political science; and **Barbara Greim**, computer science. These retirements represent over 221 years of faithful service to the university. With the exception of Dr. Greim, all are on phased retirement, which means that they will continue to teach at UNCW on a limited basis.

Dean Seiple acknowledged this year's outgoing department chairs: **Drs. Barbara Greim**, computer science; **Earl Sheridan,** political science; **Doug Smith**, mathematics and statistics; and **Bill Cooper** chemistry.

Bill Cooper, Barbara Griem and Earl Sheridan

Dean Seiple also presented **Dr. Jeffery Hill**, HPER, as the new associate dean for technology and infrastructure.

Dr. Kathleen Berkeley, chair, Department of History, offered special thanks to **Dr. Bruce Kinzer**, who will be leaving UNCW after 16 years. Dr. Kinzer has accepted a position as chair, Department of History at Kenyon College in Ohio.

Finally and with admiration, the College recognized **Dr. John Cavanaugh**, provost and vice chancellor of academic affairs, for his support and leadership in his first year at UNCW.

Dean Seiple offered a brief but highly enthusiastic and optimistic "State of the College" address before concluding with an invitation to enjoy refreshments and good wishes for a successful year.

After 31 Years...Retiring...

When **Dr. Barbara Greim** joined UNCW 31 years ago instructional

computing equipment consisted of one keypunch machine - no computers. FORTRAN was offered each term with limited opportunity to compile programs. Pascal replaced FORTRAN, then C and now JAVA. The single keypunch machine grew to a full room of keypunch machines with its own card reader and printer which were replaced by labs thought campus with PCs and now laptops and Ethernet connections as interactive computing replaced batch mode.

The computer science program developed into a major with mathematics and statistics and then two years ago into an independent department serving over 900 students in 43 sections! The department on its own has about 100 computers, various scanners, printers and multimedia projectors - and not a keypunch in site!

After 31 years of leadership, mentoring and excellence, including two years of sheparding a young department, Dr. Greim has decided to retire feeling confident that she leaves a healthy department in good hands ready for the future.

Appointed...

Dr. Jeffery Hill has been named associate dean for technology and infrastructure in the College of Arts and Sciences effective July 1. Hill, associate professor of parks and recreation management and assistant chair in the Department of Health, Physical Education and Recreation, served as faculty associate for technology in the college this year.

Dr. Hill will serve as the CAS computer liaison with Academic Affairs and the new Division of Information Technology. He will assist CAS departments and programs in their use of this technology. He will also assume the college's oversight of the construction, furnishing, and equipping the new classroom building as well as renovations of other spaces.

CAS Alumni....

Kevin Coughlin

B. A. English, '83

Since his graduation from UNCW in 1983 with an English major and an interest in technical writing, **Kevin Coughlin** has become a leader in providing technical writing services to the nation's pulp and paper industry. First with Training Systems, Inc. (where he eventually became senior vice president and senior projects manager) and then with Delta Training Partners, Inc. (which he co-founded in 1995), Kevin has, among other activities, produced training manuals, trained clients to teach them, conducted extensive technical research on all paper mill processes, developed management systems, written proposals, negotiated contracts, and engineered the design of a computerized measurement system that enables clients to easily manage a pay-for-skills work system.

Over the past sixteen years he has designed, developed, produced, and/or edited over one thousand technical training modules on a variety of subjects, in a variety of media. A major goal of his new company is to cut training schedules and budgets of its clients in half, without sacrificing quality.

Michael Hull

B. A. Music '90

After graduating from UNCW in 1990, **Michael** completed a master's in performance at Illinois State University under the direction of **Dr. Douglas Rubio**. Since then, he has been teaching at Bradley University and the Conservatory of Central Illinois. In addition to teaching approximately sixty students per week, he continues to concertize throughout the Midwest. In April of this year, Michael is hosting the annual Mid-America Guitar Ensemble Festival at Bradley University. The festival will feature workshops, a guest artist recital and master class and performances by guitar ensembles from universities and academies based mostly in the Midwest. In addition, there will be a premiere of a piece written for guitar orchestra.

Michael's teaching duties at Bradley include private classical guitar instruction and directing the guitar ensemble. At the Conservatory of Central Illinois, he teaches different styles, such as classical, blues and jazz, including basic improvisational skills. He is in the process of developing a guitar ensemble there as well. Michael's concert dates for this year and next include several recital series in the Bloomington, Illinois area as well as in Springfield, Illinois, at Springfield College and at the Springfield Classical Guitar Society.

During 1997, 1998 and 1999 he made trips to the former Soviet Republic of Belarus with a team from a local church in Bloomington. While there, he was involved in performance, humanitarian aid and teaching English as a second language. During his most recent stay, he became engaged to one of the interpreters, a delightful Russian woman named **Sveta**. Currently, he continues to reside in Bloomington, Ill.

Teresa Williamson Carroll

B. A. Mathematics '92
Teacher Certification

Teresa Williamson Carroll graduated from UNCW in 1992 with a B. A. in mathematics with teacher certification. She has worked since that time as a mathematics teacher at South Brunswick High School. Fortunately for UNCW, she has maintained close contacts with the university and has been extensively involved in a number of UNCW programs. For the past three years, she has been a professional development school teacher responsible for supervision of UNCW interns who are preparing to teach high school mathematics.

Teresa has also actively participated in and facilitated Web-based professional development using a departmental website INSTRUCT developed and maintained by **Dr. Paul Shotsberger** of UNCW's Department of Mathematics and Statistics.

Teresa has displayed an exceptional skill in moderating on-line discussions, sharing her own experiences and encouraging participants to try out new methods in their classes.

She is an outstanding example of a UNCW graduate serving her students, profession, and community.

Krissy Eland

B. S. Chemisty '97
Magna Cum Laude
Honors Chemistry

Krissy completed honors undergraduate research with **Dr. John J. Manock** for 2 years in the area of environmental chemistry while at UNCW.

Currently she is enrolled in a Ph.D. program at The University of South Carolina. During her first semester she taught general chemistry labs and recitations. In her second semester she taught quantitative analysis labs and recitations.

Krissy received two *J. R. Durig Graduate Student Travel Awards*, allowing her to present her research at conferences. She has been involved with the chemistry department, serving as the treasurer for the USC Society for the Advancement of Chemical Science (SACS), a graduate student organization. She has also served as a mentor for incoming graduate students.

She is pursuing her Ph.D. in analytical chemistry, working in an environmental spectroscopy lab under the direction of **Dr. S. Michael Angel**. The lab's research involves developing methods for remote in situ chemical analysis using fiber-optics, applying optical spectroscopic techniques to environmental and process-chemical measurement problems and the development of fieldable spectroscopic instrumentation. Particularly, her research involves the characterization of dual-pulse and fiber-optic laser-induced breakdown spectroscopy (LIBS).

She has presented her research at three meetings: the SPIE International Symposium on Environmental and Industrial Sensing, "The Development of a Dual-Pulse Fiber-Optic LIBS Probe for In-Situ Elemental Analyses" (September 1999), and the Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy (PITTCON) "Optimization of Wavelength for Fiber-Optic LIBS Measurements" (March 1999)as well as "Design and Evaluation of Fiber-Optic LIBS Probes Using Dual Laser Pulses." (PITTCON March 2000).

Krissy plans to graduate in the fall of 2001, and pursue a career in the industrial field.

Art and Theatre

Ashley Anne Sparks, '00
B. A. Theatre

Ashley has appeared in numerous University Theatre productions, including playing the role of Beatrice in this past fall's *Much Ado About Nothing*. Throughout her outstanding career at UNCW, Ashley has guided the student theatre club, S.T.A.G.E. through countless meetings, rehearsals and productions. Ashley did an intensive internship with Dreams of Wilmington and Soul Patch – both of which strive to bring theatre and the arts to low-income children in Wilmington. Through this work she has found a new focus in directing theatre and working with children. She graduated *cum laude* with a 3.64 GPA.

Biological Sciences

Jana Kathleen Siskind '00
B. S. Biology
B. S. Environmental Studies

Jana is described by faculty as "achieving academic success, demonstrating integrity, and exemplifying true leadership ability." Jana has served as resident assistant, laboratory assistant and global volunteer. As the founding president of the Sigma Sigma chapter of the Beta Beta Beta Biological Honor Society, Jana ensured that future students have the opportunity to present their research at national conventions and be recognized for their academic accomplishments. Jana has accepted a position with Human Genome Sciences, Incorporated in Rockville, Maryland.

Chemistry

Craig Sykes '00
B. S. Chemistry

Craig recieved department honors for the combination of study, research and service. He will attend graduate school at the University of North Carolina at Chapel Hill focusing his work in analytical chemistry.

Communication Studies

Shane Fernando, '00
B. A. Communication Studies

Few students have likely had as significant an impact on UNCW as **Shane**. His involvement in campus government (sophomore class senator, elections appeal committee chair, and junior and senior class president), participation in departmental extra-curricular groups (storytelling in the community) and regional as well as local service (Capital Hill intern, Thalian Association, Cape Fear Shakespeare, and WHQR) are representative of his significant experience and contributions as a student, scholar and volunteer. Shane's accolades include National Dean's List, Outstanding Student Organization Leader and recipient of the Senior Leadership Medallion. He was also recently presented the William A. Bryan Senior Leadership Award. With his leadership, the Class of 2000 presented our campus with the extraordinary gift of the UNCW Millennium Clock Tower which now enhances our landscape, reminding us daily of the initiative of our students. Shane plans to work in Washington, D.C. and begin graduate study in the near future.

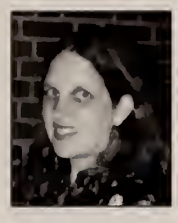
Computer Science

Kelly Futrell Davis '00
B. S. Computer Science

Kelli, a Goldboro native, transferred to UNCW after two years in the NCSU College of Engineering. Kelli has been on the Dean's List every semester and has been a volunteer peer tutor in upper level computer science courses. She completed an internship at C-Phone in Wilmington, and has been employed by the National Undersea Research Center at the UNCW Center for Marine Science for a year as the Webmaster for *Aquarius,* the underwater lab featured on the syndicated television show *National Geographic Explorers.* Kelli was inducted into the national computer science honorary society, Upsilon Pi Epsilon, last spring and was an officer of UNCW's N.C. Beta chapter this year.

nding Graduates

Creative Writing



Dana Sachs, '00
M. F. A. Creative Writing

Dana, a creative nonfiction writer with a 4.0 GPA, was awarded the *Janet Elizabeth Aquino Award of Excellence in Creative Writing* for 1999/2000 for her thesis, *The House on Dream Street: A Memoir of an American Woman in Hanoi*, which will be published in September 2000 by Algonquin Books of Chapel Hill. "The standard of the award is to be of the highest achievement possible,"said **Mark Cox,** department chair. Dana has been working as a freelance journalist since 1984. She has written for numerous periodicals, has translated a great deal of contemporary Vietnamese fiction into English, and has co-produced an award-winning documentary about contemporary Vietnam.

Earth Sciences

Amber Huntoon '99
M. S. Geology

In addition to earning a 3.9 GPA at UNCW, **Amber** served as a Teaching Assistant and a Research Assistant in the Department of Earth Sciences. During the summers of 1998 and 1999, she was the camp manager for the North Carolina Summer Field Camp in Geology, sponsored by a consortium of UNC schools. Amber received support for her research from the Geological Society of America and also presented papers at two regional GSA meetings. She is currently completing a second M.S. degree, in Space Studies, at the University of North Dakota.

English

Linda Jacobus, '00
B. A. English

Linda was named Outstanding English Major for the 1999-2000 academic year. A mother of three, Linda took time off from her accounting business in order to return to college. She received the *Louise Jackson Green Scholarship* and has compiled a 3.82 grade-point average. Her personal essay about road rage will appear in the forthcoming fifth edition of *Writing, Reading and Research,* a nationally-marketed textbook for college composition courses. This summer, she plans to undertake a writing project concerning "living epitaphs." She hopes to undertake graduate study in English in the fall of 2001.

Foreign Languages and Literatures

Lauri Holland '00
B. A. Spanish
B. S. Mathematics

Lauri is noted by faculty as a "hard-working, dedicated Spanish student, who has consistently excelled in her coursework, demonstrating a wonderful combination of cooperation and leadership." Lauri has been active as a tutor through the UNCW Learning Center for beginning and intermediate Spanish students and this past spring she participated in the Spanish Club service trip to Guatemala - helping in shelters, schools and construction sites to rebuid in the aftermath of Hurricane Mitch. Lauri says her experience abroad has sparked her adventurous spirit; she can't wait for her next opportunity to travel. Continuing in her interest in language and phonetics, she is currently working on an independent study interviewing native Mexican speakers in order to analyze their dialectical variations.

Health, Physical Education and Recreation

Rachel Venlet, '00
B. A. Athletic Training

Rachel, a native of California, Maryland, graduated *cum laude* with an overall 3.57 grade point average, and 3.84 in her athletic training courses. She spent over 1500 hours volunteering in the clinical setting in the athletics departments at both UNCW and New Hanover High School, and also volunteered numerous hours at New Hanover Regional Medical Center. Rachel spent two weeks last summer in the Dominican Republic working for medical missions, and looks forward to returning again this summer for another two-week mission trip. She was the first recipient of the *Earl Allen Memorial Scholarship*, which is awarded to a physical education major based on scholarship and community service. Rachel will be seeking admission to physician's assistant school.

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History

Sue Ann Cody '00
M. A. History

Sue Ann's name and face may be more familiar to the UNCW community when placed in the setting of Randall Library. A member of the library staff since 1979, Sue has worked in numerous departments and was promoted to the position of Associate University Librarian for Public Services three years ago. Since 1996, she has also been pursuing a master's degree in American History. A 4.0 student and a published scholar, Cody's performance has earned her admittance to two national honor societies, Phi Alpha Theta and Phi Kappa Phi. This past spring she completed her master's thesis, "After the Storm: Racial Violence in Wilmington, North Carolina and Its Consequences for African Americans, 1899-1905." Her findings with respect to the economic, demographic, political, and social consequences of the controlled violence that gripped the Port City in November 1898 confront some of the more enduring myths that linger in the memory and oral tradition of white and black Wilmingtonians.

Mathematics and Statistics

Lisa A. Soberano, '00
B. S. Mathematics

Lisa was awarded a B.S. *magna cum laude* with Honors in mathematics with a concentration in applied mathematics. She completed her departmental honors project on "The Mathematics of Image Compression." This past year Lisa was designated an Adrian D. Hurst Scholar, a scholarship named for the first department chair, and actively served as president of MACS, the local student organization for Mathematics and Computer Science Students. She also volunteered as a tutor at both the Yahweh Center and M.C.S. Noble Middle School. One summer "vacation" for her consisted of teaching English for two months in Kyrgyzstan, Central Asia. Lisa begins work this summer as a technical training specialist at the SAS Institute in Chicago, Illinois.

Music

Brigid Rathgeb '00
B. M. Vocal Performance

Bridgid, a soprano, was accepted into the master's program at the University of Minnesota School of Music. Originally from Phoenix, Maryland, Bridgid graduated in May 2000 with a B.M. in vocal performance where she was very active in the choral/voice program. Two of her many accomplishments at UNCW were being selected as the 1999 college winner of the Richard R. Deas Concerto Competition, and being afforded the opportunity to sing a solo with the Wilmington Symphony Orchestra.

Philosophy and Religion

Jeremy Morris
B. A. Philosophy and Religion '00
B. A. English '00

One of **Jeremy's** many accomplishments was presenting his paper, "The Puzzle of Non-Being," to the Joint Conference of the North Carolina Philosophical Society and the South Carolina Society for Philosophy held at Duke University in February. He later delivered the paper to the North Florida Philosophical Conference at the University of North Florida in March, where it won first prize. "The Puzzle of Non-Being" developed out of Jeremy's departmental honors project with **Dr. Ferenc Altrichter** on logical semantics. It deals with a problem of great importance to the philosophy of language and its relation to classical first order logic and quantified modal logic. Jeremy plans to enter graduate school in philosophy.

Physics and Physical Oceanography

Gary Scott Watson, '00
B. S. Physics
B. S. Mathematics

Scott received the *Walter Schmid Award,* given to the graduating senior who shows the most promise in making a lasting contribution to the field of theoretical or applied physics. He graduated *magna cum laude* with a double major in physics and mathematics, and an overall GPA of 3.89. Scott completed the physics program with departmental

honors for his project entitled "Inflationary Cosmology and Anomalies in the Standard Cosmological Model". He plans to continue his work in cosmology at Brown University where he will pursue a Ph.D. in physics, beginning fall 2000.

Political Science

Nicole Dusenberry, '99
B. A. Political Science

Nicole was this year's recipient of the *James C. Dixon Award* for the outstanding political science graduate. She was a finalist for the 1999 Truman Scholarship, a prestigious national scholarship which rewards leadership, academic achievement, commitment to public service and potential to "make a difference." Nicole graduated *magna cum laude* and with department and university honors, and a GPA of 3.89.

Psychology

Brendan Curl, '00
B. A. Psychology
B. S. Marine Biology

Brendan graduated with a 3.67 GPA, earning university honors and *cum laude* status in both of his degrees, and departmental honors in psychology. In addition, he is a star athlete and CAA champion, holding school records in the 100 meter breaststroke and the outdoor pole vault. As a result he was voted track MVP in 1999. Brendan also received the Psychology Outstanding Student Award because of his research presentation and overall accomplishments. He has presented his work at Carolinas Conference and was admitted to Psi Chi, National Honor Society in Psychology. He was also selected to the Pandion Honor Society and awarded the Chancellor's Cup. His sculptures are on display in the Honors Scholars Program Office as examples of the art or talented Honors students. His advisor, **Dr. Mark Galizio**, said, "Never have I had the honor of working with a person who better exemplified the concept of student-athlete. The University and Psychology Department can take pride in providing a nurturing environment for this outstanding young man." Brendan hopes to continue his studies of animal behavior by working with dolphins.

Social Work

Julia Rose Gore, '00
B. S. Social Work

Julia completed the BSW with a 3.985 overall GPA and received two departmental graduate awards for excellence in achievement - *The Sylvia K. Polgar Award* recognizing exemplary dedication to volunteer service and social advocacy in the community and *The Delilah B. Blanks Award* recognizing the graduate with the highest GPA. Julia will be attending the ECU Master for Social Work program beginning fall 2000.

Sociology, Anthropology and Criminal Justice

David Lawrence Bonney , '00
B. A. Criminal Justice

David graduated *magna cum laude* with a 3.75 GPA, and received the *Criminal Justice Academic Excellence Award* at the Sociology, Anthropology, and Criminal Justice Department Reception following the May 2000 commencement ceremony. This award is given to the studen who achieved the highest GPA among graduates in the criminal justice program. He plans to enter the U.S. Marine Corp and begin training as an officer.

Environmental Studies Program

Byron Toothman, '00
B. S. Environmental Studies
B. S. Marine Biology

Byron, a native of Morehead City, was recently hired by Ecological Land Solutions, a new environmental consulting firm in Wilmington which is partially owned by Wal-Mart. Byron will be working in wetland mitigation banking, which is the restoration or preservation of wetlands to offset the loss of wetland in construction of new facilities.

Faculty Grants...

BIOLOGICAL SCIENCES

McLellan, William; CPI: Pabst, Ann. National Marine Fisheries, $88,273.00
Hosier, Paul. Bald Head Island Conservancy, $6,036.00
Webster, Paul. Bald Head Island Conservancy, $7,750.00
Posey, Martin; CPI: Pawlik, Joseph. NC Sea Grant, $3,000.00
Roer, Robert; CPI: Shafer, Thomas; Dillaman, Richard. National Science Foundation, $82,435.00
Sayigh, Laela. National Oceanography and Atmospheric Administration, $14,240.00
McLellan, William. National Institutes of Standards and Technology, $15,000.00
Cahoon, Lawrence; CPI: Skrabal, Stephen; Emslie, Steven; Bingham, Frederick; Lindquist, David; Leonard, Lynn. National Oceanography and Atmospheric Administration, $730,000.00
Pawlik, Joseph. Eli Lilly, $25,000.00
Lindquist, David; CPI: Bingham, Frederick. National Undersea Research Center/UNCW, $27,997.00
Wilbr, Ami. Florida Marine Research Institute/Florida Fish and Wildlife Conservation Commission, $35,035.00
Tomas, Carmelo. National Oceanography and Atmospheric Administration/Florida Marine Research Institute, $58,000.00
Pawlik, Joseph. National Undersea Research Center/UNCW, $17,000.00
Webster, David. North Carolina Wildlife Resources Commission, $4,000.00
Cahoon, Lawrence; CPI: Cutting, Robert. Environmental Protection Agency, $3,530.00
Emslie, Steven. National Aeronautics and Space Administration, $15,375.00
Tomas, Carmelo. National Oceanography and Atmospheric Administration/South Eastern Fisheries Science Council, $25,000.00
Posey, Martin; CPI: Cahoon, Lawrence; Alphin, Troy. NC Sea Grant, $46,829.00
Emslie, Steven. National Science Foundation, $79,371.00
Posey, Martin; CPI: Quackenbush, Scott; Shafer, Thomas; Roye, David; Roer, Robert; Dillaman, Richard; Kinsey, Stephen. National Science Foundation, $246,415.00
Pabst, Ann; CPI: McLellan, William. National Marine Fisheries, $4,500.00
Pabst, Ann; CPI: McLellan, William. National Marine Fisheries Service, $1,900.00
Hackney, Courtney; Posey, Martin. CZR, Inc., $329,206.00
Posey, Martin. National Oceanography and Atmospheric Administration/US, $26,653.00
Tomas, Carmelo. National Oceanography and Atmospheric Administration, $12,841.00
Tomas, Carmelo. National Oceanography and Atmospheric Administration/COP, $25,000.00
Cahoon, Lawrence. NC Sea Grants, $10,000.00
Bailey, Craig. Bigelow Laboratory for Ocean Sciences, $61,060.00
Miller, Steven. Emerson Associates International, $290,000.00
Cahoon, Lawrence. South Brunswick Water and Sewer Authority, $158,490.00

BIOLOGICAL SCIENCES/CHEMISTRY/ COMPUTER SCIENCE/MATHEMATICS & STATISTICS

Dillaman, Richard; Herman, Russ; Lugo, Gabriel, Reeves, James; Vetter, Ronald; Ward, Charles. National Science Foundation, $1,143,282.00

CENTER FOR MARINE SCIENCE

Baden, Daniel. NC Biotechnology Center, $175,000.00
Baden, Daniel. Miami, Environmental Protection Agency, $36,818.00
Baden, Daniel. Baltimore, $62,343.00
Potts, Thomas. Gray's Reef Marine Sanctuary/National Oceanographic and Atmospheric Administration, $10,418.00
Spivack, Arthur. Joint Oceanographic Institute/National Science Foundation, $23,984.00
Spivack, Arthur. Applied Semiconductor, Inc., $21,434.00

CHEMISTRY

Cooper, William. US Department of Education, $15,000.00
Cooper, William. National Science Foundation, $32,000.00
Cooper, William. US/Saudi Arabia Joint Commission, $6,500.00
Cooper, William. Deutschland, $14,720.00
Halkides, Chris. NC Biotechnology Center, $39,944.00
Martin, Ned. East Carolina University/National Science Foundation, $13,830.00
Martin, Ned. Camille & Henry Dreyfus, $30,000.00
Martin, Ned. NC Biotechnology Center, $2,000.00
Reeves, James. University of Colorado at Denver/Department of Education, $65,510.00
Skrabal, Stephen; CPI: Kieber, Robert. NC Sea Grant; National Oceanographic and Atmospheric Administration, $40,220.00
Skrabal, Stephen; CPI: Cooper, William; Kieber, Robert. Strategic Environment Research Development Program, $171,000.00
White, David. Research Corp, $16,508.00

EARTH SCIENCES

Grindlay, Nancy; CPI: Abrams, Lewis. US Geological Survey, $58,622.00
Abrams, Lewis. Joint Oceanographic Institute/Texas A&M University, $15,411.00
Leonard, Lynn. CZR, Inc., $78,785.00
Cleary, William. NC Sea Grant, $36,633.00
Leonard, Lynn; CPI: Posey, Martin; Cahoon, Lawrence; Alphin, Troy. Cooperative Institute for Coastal and Estuarine Environment Technology, $126,883.00
Laws, Richard. Joint Oceanographic Institute/Texas A&M University, $10,699.00

HEALTH, PHYSICAL EDUCATION & RECREATION

Perko, Mike. American Public Health Association, $1,500.00
Buerger, Robert; CPI: Hill, Jeff. NC National Estuarine Research Reserve, $5,175.00
Dennison, Darwin; CPI: Perko, Mike. MediaSeek, $11,500.00

MATHEMATICS & STATISTICS/SMEC

Shafer, Karen. Math Science Education Network/NC Chapel Hill, $1,250.00

PHYSICS

Moyer, Curt. National Science Foundation, $95,000.00

POLITICAL SCIENCE

Meinhold, Stephen. New Hanover County, $5,720.00
Meinhold, Stephen. New Hanover County, $522.00

PSYCHOLOGY

Kishton, Joseph. Corning, $13,000.00
Galizio, Mark; CPI: Pitts, Raymond; Keith, Julian. National Institutes of Health, $105,437.00
Overman, William. National Institutes of Health, $148,901.00
Dworkin, Steven. National Institutes of Health, $7,000.00
Puente, Antonio. Plenum Publishing Corporation, $6,500.00
Galizio, Mark. Department of Health and Human Services/ National Institutes of Health, $14,000.00

SCIENCE & MATH EDUCATION CENTER

Shafer, Karen. NC School of Science and Math, $19,448.00
Shafer, Karen. Eisenhower Program, $58,920.00

SMEC/BIOLOGICAL SCIENCES

Shafer, Karen; CPI: Lundeen, Carl. NC Biotechnology, $17,591.00

SMEC/MATHEMATICS & STATISTICS

Shafer, Karen; CPI: Shotsberger, Paul; Crawford, Ann. Math Science Education Network/US Department of Education, $29,957.00

SOCIOLOGY

Irwin, Darrell; CPI: Everett, Ronald; Willis, Cecil. US Department of Justice, $29,984.00

SOCIAL WORK

Sandell, Karen. NC Department of Social Services, $20,110.00
Sandell, Karen. North Carolina State University, $29,332.00

NEA Fellowship Awarded...

Wendy Brenner, assistant professor, Department of Creative Writing has received a Creative Writing Fellowship in Prose from the National Endowment for the Arts (NEA). Brenner is one of 35 recipients of this prestigious national award.

Ms. Brenner's award is based on her second collection of short stories, *Soon It Will Work Everywhere.*

"This award is a vote of support from fellow writers in my field. I am excited to receive national recognition for my work," said Brenner. She noted that the fellowship will allow her to devote more time to writing and hopes to complete *Soon It Will Work Everywhere* this summer. Brenner's first collection of short stories, *Large Animals in Everyday Life,* received the Flannery O'Connor Award from the University of Georgia Press in 1996. Her work has appeared in publications such as Southern Exposure, Mississippi Review, New England Review, Travel & Leisure, and Oxford American.

Ms. Brenner received her B.A. from Oberlin College and M.F.A. from the University of Florida in Gainesville.

The NEA has invested in American creativity through its literature fellowships which support writers at crucial points during their careers since 1967. The $20,000 fellowship allows an author time to write, research, travel, and pursue general artistic advancement.

Faculty & Staff Give...

A measure of the confidence and commitment that CAS faculty and staff have to their students and university programs is reflected in the numbers of those who give to UNCW. These benefactors give to support scholarships, academic, athletic, and student life programs in addition to providing much needed unrestricted gifts to department and program trust funds.

Figures as of May 2000 indicate that 49% of CAS faculty and staff have provided approximately $77,000 in support of UNCW during the 1999/2000 academic year.

Thank you!

1,000 copies of this public document were printed at a cost of $1,444.27 or $1.44 per copy. (G.S. 143-170.1)

New CAS Chairs...

Computer Science

Ron Vetter
Chair

Dr. Ron Vetter has served as the assistant chair of the department since July 1998. Dr. Vetter is truly an excellent teacher and researcher who has achieved international recognition for his work in computer networks and technology-based education. Among the honors he has received are his appointments as a distinguished lecturer by the Association for Computing Machinery and as a senior member of the Institute for Electronics and Electrical Engineering. He received his Ph.D. in computer science from the University of Minnesota in 1992. He has held faculty positions at both Moorhead State University and North Dakota State University in addition to UNCW.

Chemistry

Dick Ward
Chair

Dr. Dick Ward is a very familiar face on the UNCW campus. Dr. Ward founded the Summer Ventures program in science and math, serving as its director from 1986-94, adding to the direction of the Science and Math Education Center during that period. In 1991 he became the founding director of the Center for Teaching Excellence and held that position through 1994. Dr. Ward then became the assistant vice-chancellor for information under the Office of Academic Affairs leaving that position in 1997 to return to the Department of Chemistry. Dr. Ward received his Ph.D. in chemistry from Purdue University.

Political Science

Milan Dluhy
Chair

Dr. Milan Dluhy joins UNCW from Florida International University, School of Policy and Management where he served as the associate director. Previously he served as director of FIU Metropolitan Center in the Joint Center for Environmental and Urban Problems for nine years. Dr. Dluhy has an outstanding record in teaching, research, and service and has received a total of five awards for excellence at FIU and at his previous university, Oklahoma State, for his achievements in each of these areas. He received his Ph.D. from The University of Michigan.

College of Arts & Sciences Administration, 2000-2001

Jo Ann Seiple, Dean

Raymond Burt, Associate Dean
Jeffery Hill, Associate Dean
Stephen Pullum, Associate Dean
Eileen Sahlin, Development Director

Art and Theatre
Kemille Moore, Chair
Biological Sciences
L. Scott Quackenbush, Chair
Chemistry
Dick Ward, Chair
Communication Studies
Frank Trimble, Chair
Computer Science
Ron Vetter, Chair
Creative Writing
Mark Cox, Chair
Earth Sciences
Patricia Kelley, Chair
English
Richard Veit, Chair
Foreign Languages and Literatures
Denise DiPuccio, Chair
Health, Physical Education and Recreation
Carl Stockton, Chair
History
Kathleen Berkeley, Chair
Mathematics and Statistics
Wei Feng, Interim Chair
Music
Frank Bongiorno, Chair
Philosophy and Religion
Joe Wilson, Chair
Physics and Physical Oceanography
Curt Moyer, Chair
Political Science
Milan Dluhy, Chair
Psychology,
Lee A. Jackson, Chair
Social Work
Nelson Reid, Chair
Sociology and Anthropology
Cecil Willis, Chair
Environmental Studies
Jack Hall, Director
Film Studies
Phil Furia, Interim Director
Museum of World Cultures
Dorie Reents-Budet, Director
Kenan Auditorium

DevelopmentCAS...

"Around every college and university in this nation there exists a handful of people who literally make these institutions go. These are those people who hold the future of the institution in their hands, who make today's dreams, tomorrow's realities." - James W. Frick

One of the wonderful aspects of working in fundraising is the opportunity to witness the generosity and compassion of so many people. These include not only private individuals but those who represent business and foundations as well as members of the UNCW faculty and staff.

Three new funds to assist students have been established recently. These include the:

- *Levent Miguel Chen Scholarship in Music* given in memory of Levent by his parents **Mr. & Mrs. Miguel Chen**

- *Robert H. Byington Leadership Fellowship in Creative Writing* given in honor of **Dr. Byington**, former chair, Department of English by **Mr. & Mrs. Philip Gerard** and,

- *Gene T. and Elizabeth J. Fales Scholarship* (mathematics and pre-engineering) given by **Mr. & Mrs. Fales.**

On May 3, at a reception in the Wise Alumni House, the **Friends of UNCW** gathered to present several college departments and faculty with funding for projects and needs. The areas benefitting from Friends generosity include: environmental studies, foreign languages and literature, computer science, earth science, English, history, communication studies and biological sciences (aquaculture).

We are grateful to those who think of the college when they have something special in their lives they wish to share with students. Examples of this generosity include the gift of the spinet piano to music by **Mary Lou** and **Arthur Kirby, Jr.**, the beautiful Buddhist monk's robe to the Museum of World Culture by **Henry Rehder, Sr.**, and the 500-gallon aquarium complete with fascinating specimens to biological sciences by **David M. Kostyal Timber, Inc.**

In addition, we are fortunate to have works by Wilmington artist **Mary Ellen Golden** presented by **Mrs. Delores Green**. These works now hang in the Center for Marine Science.

Once again **Samuel Bissette** has presented an art collection which can be viewed in DeLoach Hall. This marvelous body of work is truly a wonderful addition to the university collection. (Please see the back cover for one of these works.)Several of his works are on exhibit in Dobo and Alderman Halls.

Fincannon & Associates, Inc. has added an extensive collection of scripts and production materials covering the period of 1983-2000 for the benefit of the Film Studies Program. The gift is intended to support teaching, research, scholarship and exhibition and is housed in Randall Library Special Collections.

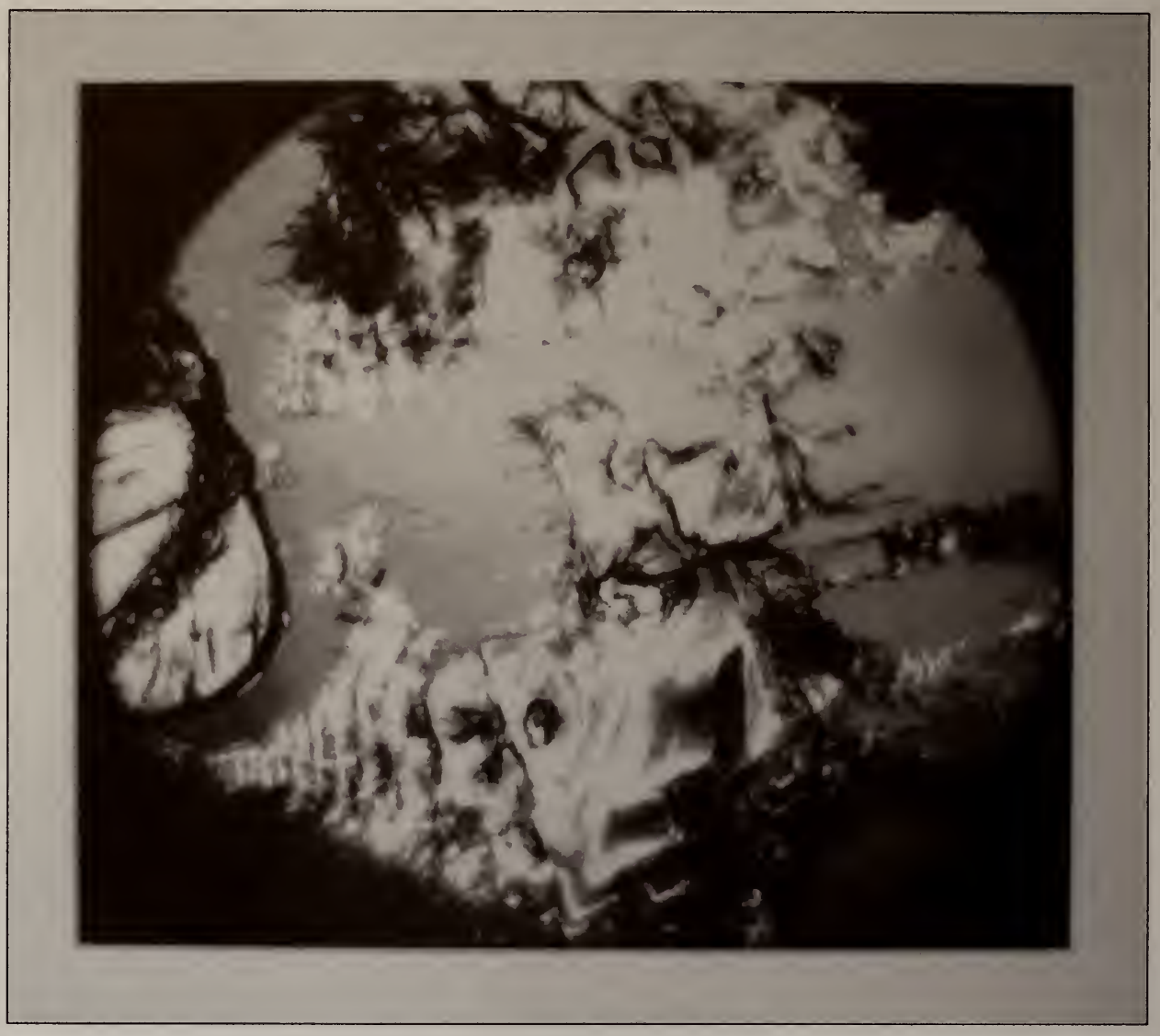
College faculty continue to actively participate in fundraising through their own generosity and encouragement of giving by others. When gifts are received because of the enthusiasm for teaching that donors observe, it has special meaning. An example of this giving is in the gift of a Brand Etching Press by friends, **Kathryn and Michael O'Donohue**. In a letter they noted that their gift was made in part "because of the enthusiasm and attitude of Professor **Donald Furst.** .....his desire to make this kind of quality equipment available to his students helped us to make our decision."

Without the care and generosity of individuals, businesses and foundations, CAS would have far fewer basic, interesting and unique opportunities for students. As the end of the fiscal year approached we were grateful to note that more than one million dollars of private support (cash, securities and gifts-in-kind) has been given to assist us in our work with students.

Eileen Sahlin
Director

We encourage those interested in learning more about establishing a scholarship or fellowship, supporting lectures and symposiums, giving to projects or facilities, funding faculty development, or providing unrestricted funds for the College of Arts and Sciences' work and its departments to contact us at (910) 962-3111, fax (910) 962-3114 or email: sahlinem@uncwil.edu.

For information about the UNCW College of Arts & Sciences and its departments, programs and giving opportunities, please contact the Office of the Dean at (910) 962-3111 fax (910) 962-3114



"Nature's Artistry" an electronic laser print by Samuel D. Bissett.
A gift from Samuel D. Bissett on exhibit in DeLoach Hall.
(Source material: salol Magnification: 50 x.)

UNCW

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